



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Ag Da
P0038639	ACI001-VC	1	1	Net 30	M303R1.000	303 Round Bar 1.00 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE 304/316 NOT ACCEPTABLE receive ft				48	1/26/2018	48		S036060	Stock	1/26/2018	\$ 8.06 / ft	
		2			M6061T6B0.500X01.25	6061-T6 Bar .500 X 1.25 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				20		20		S036061	Stock	1/26/2018	\$ 2.01 / ft	
		4			M6061T6B2.000X01.25	6061-T6 Bar 2.00 X 1.25 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				24		24		S036062	Stock	1/26/2018	\$ 10.11 / ft	
		6			M6061T6B2.000X8.00	6061-T6 Bar 2.00' X 8.00" (Cut In 4Ft Section) : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				4		4		S036063	Stock	1/26/2018	\$ 71.25 / ft	
		7			M6061T6B4.500X4.500	6061-T6 Aluminumbar 4.500" X 4.500" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				6		6		S036064	Stock	1/26/2018	\$ 130.33 / ft	
		8			M6061T6B1.250X04.500	6061-T6 Bar 1.25 X 4.50 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12		12		S036065	Stock	1/26/2018	\$ 22.92 / ft	
		9			M6061T6B2.500X04.500	6061-T6 Bar 2.50 X 4.50 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				6		6		S036066	Stock	1/26/2018	\$ 49.17 / ft	
Total:										120		120						

Plex 1/27/2018 8:32 AM Dart Dubois Pascal



DELIVERY - CLIENT

CO00070778

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mt: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mt: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

CL10001056

Date

2018/01/22

Delivery date

2018/01/26

Your order N°

038839

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ROUND SS 1 303 RANDOM RSS-1303-V 8519 4 X 12' R/L HEAT AC12953-TH-25/01	128.16	48.00	PI_\$CLB		24 121 24122						
2 FLAT ALU 1/2 X 5 6061-T6 RANDOM FAL-125-V 2492 3 X 12' HEAT AC12953-TH-25/01	105.88	36.00	PI_\$CLB			St					
3 FLAT ALU 1 1/4 X 2 6061-T6 RANDOM FAL-1142-V 2456 2 X 12' HEAT	70.56	24.00	PI_\$CLB		24 121						

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00070778

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J65 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

CL10001056

Date

2018/01/22

Delivery date

2018/01/26

Your order N°

038839

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

2

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only					
				CMD	EXP	B/O	IN	I	S	C	OUT	
4 FLAT ALU 2 X 5 6061-T6 NS FAL-25 9956 1 X 12' HEAT AC12953-TH-25/01	141.12	12.00	PL_\$CLB			14						
5 FLAT ALU 2 X 8 6061-T6 NS FAL-28 9467 1 X 4' HEAT AC12953-TH-25/01	75.18	4.00	PL_\$CLB		14							
6 SQUARE ALU 4 1/2 6061-T6 NS CAL-412 9957 1 X 6' HEAT AC12954-RM-25/01	145.80	6.00	PL_\$CLB		14							

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00070778

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Sablery de Valleyfield (Québec) J65 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/01/22

Delivery date

2018/01/26

Your order N°

038839

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Shipped to

, Ontario,

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page

3

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
7 FLAT ALU 1 1/4 X 4 1/2 6061-T6 NS FAL-114412 9693 1 X 12' HEAT AC12953-TH-25/01	79.38	12.00	PL_\$CLB		12						
8 FLAT ALU 2 1/2 X 4 1/2 6061-T6 NS FAL-212412 9283 1 X 6' HEAT AC12953-TH-25/01	80.88	6.00	PL_\$CLB		12						

Total Weight (lbs) : 826.96

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :	Delivered By :	Time	Customer's Signature	Y	M	D
	AM						

Total (\$CAD)



ACIER OUELLETTE INC.
 935, Boul. du Havre
 Salaberry de Valleyfield (Québec) J6S 5L1
 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales

Copy

CO00070778

Customer N°

CL10001056

Date

2018/01/22

Delivery date

2018/01/26

Your order N°

038839

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
 HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Alt : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	S/O	IN	I	S	C OUT
1 ROUND SS 1 303 RANDOM RSS-1303-V 8519 <i>2 X 12' R/L HEAT: 620M</i> <i>2 X 12' HEAT 440180</i> <i>ACI2953-T4-25/01</i>	128.16	48.00	PL \$CLB	4.00						
2 FLAT ALU 1 1/4 X 2 6061-T6 RANDOM FAL-1142-V 2456 <i>2 X 12' HEAT: 38140</i>	70.56	24.00	PL \$CLB	2.00						
3 FLAT ALU 2 X 8 6061-T6 NS FAL-28 9467 <i>1 X 4' HEAT</i> <i>201712233</i> <i>ACI2953-T4-25/01</i>	75.18	4.00	PL \$CLB	1.00						

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.

Order - Sales

Copy

CO00070778

935, Boul. du Hêtre
Sahberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/01/22

Delivery date

2018/01/26

Your order N°

038839

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Page

2

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
4 SQUARE ALU 4 1/2 6061-T6 NS CAL-412 9957 1 X 6' HEAT: 201613150 AC12954-RM-25/01	145.80	6.00	PL_\$CLB	1.00						
5 FLAT ALU 1 1/4 X 4 1/2 6061-T6 NS FAL-114412 9693 1 X 12' HEAT: 21720234	79.38	12.00	PL_\$CLB	1.00						
6 FLAT ALU 2 1/2 X 4 1/2 6061-T6 NS FAL-212412 9283	80.88	6.00	PL_\$CLB	1.00						
1 X 6' HEAT: 22965177 AC2953-TH-25/01 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$	0.00						

Conditions :

All sold and delivered materials remain the property of 'Acier Ouellette Inc.' until payment is made in full, complete and cleared. All lost materials are at the buyer's expense. The warranty offered by 'Acier Ouellette Inc.' is the same as offered by the manufacturer and the warranty is transferred by 'Acier Ouellette Inc.' to the client. The buyer hereby accepts to respect the following conditions: 30 days from the date and the buyer accepts to pay administrative charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by execution on and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Y

M

D

Total (\$CAD)

2 565.80

Deposit

0.00

Balance

2 565.80



DELIVERY - CLIENT

CO00070774

ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056

Date 2018/01/22

Delivery date **2018/01/25**

Your order N° 038839

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,
Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	OUT
1 FLAT ALU 1/2 X 1 1/4 6061-T6 RANDOM FAL-12114-V 2469 1 X 20' HEAT TRANSIT ST-JEROME LE 24/01	15.70	20.00	PL_\$CLB		14 20					

Total Weight (Lbs) : 15.70

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : Verified By :

PP

Delivered By :

VA

Time

Customer's Signature

1/10/18 M D

Date

Total (\$CAD)

DART-0070774

BOYDELIVRAISON

VENDU A
ACIERS TRANSBEC (1997) LTEE
4054, BOUL LE CORBUSIER
#201
LAVAL, QC
H7L 5R2
NO CLIENT: 3693

LIVRE A
ACIER OUELLETTE
22, BOUL J-F KENNEDY
ST-JEROME, QC J7Y 4B6
NO CLIENT: L-3693-3

113476		20/Ju/16	
NIR:	R-015478-2	NO DE TELEPHONE DUCIENT:	
NO COMMANDE CLIENT:	OU-46072	REPRESENTANT:	
CHAUFFEUR:	JP COMEAU	NO COMMANDE EXTRUDEUR:	
		99115	

1	SA00123	PLAT 1.250 X .500 6061/T6	6096mm	NATUREL MILL	75	500	0	0	377583	74	495	100.0%	<input type="checkbox"/>	
										Sous-Total:	1	74	495	

3 MILLTEST + CERT. CONFORMITE

Mill Test (Tensile Properties of Aluminum)

Test Date: 14/Ju/16

Order No.	Alloy	Temper	Yield (ksi)	Ultimate Tensile (ksi)	Total Elongation (%)	Hardness (Rockwell E)	Conductivity %	Report No.
-----------	-------	--------	-------------	------------------------	----------------------	-----------------------	----------------	------------

99115-1-1A1	6061	T6	37.6	41.4	21.10	92.00		5647
-------------	------	----	------	------	-------	-------	--	------

Certificate of compliance (Certificat de conformité)

Normes: (ANSI H35.1-1997) & (ASTM B221)

Order No. Hardness (Webster) #1 Cast No. CAST CHEMICAL COMPOSITION:

99115-1-1A1	15	15	33297	Al	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co
				97.96	0.57	0.24	0.20	0.08	0.85	0.06	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VÉRIFICATION DE MATÉRIEL

DATE 20/07/16

VÉRIFIÉ PAR

SIGNATURE

SIGNATURE

CLIENT:

DATE:



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO038839**

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO038839

PO Date: 1/22/18

Due Date: 1/26/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal Phone: **JAN 22 2018**
clavoie@dartaero.com

E-MAILED

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments: QUOTATION SOU0079984

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M303R1.000		303 Round Bar 1.00 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	1/26/18	48 ft	0 ft	48 ft	\$8.0620833/ft	\$386.98
2	M6061T6B0.500X01.250		6061-T6 Bar .500 X 1.25 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	20 ft	0 ft	20 ft	\$2.009/ft	\$40.18
3	M6061T6B0.500X05.000		6061-T6 Bar .500 X 5.00 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	36 ft	0 ft	36 ft	\$9.7038888/ft	\$349.34

JAN 27 2018

DAS
11
9-89

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	M6061T6B2.000X01.250		6061-T6 Bar 2.00 X 1.25 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	24 ft	0 ft	24 ft	\$10.112083/ft	\$242.69
5	M6061T6B2.000X05.000		6061T6 Bar 2.00 X 5.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	12 ft	0 ft	12 ft	\$41.25/ft	\$495.00
6	M6061T6B2.000X08.000		6061-T6 Bar 2.00' X 8.00" (Cut In 4Ft Section) : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	4 ft	0 ft	4 ft	\$71.25/ft	\$285.00
7	M6061T6B4.500X4.500		6061-T6 Aluminumbar 4.500" X 4.500" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	6 ft	0 ft	6 ft	\$130.3333/ft	\$782.00
8	M6061T6B1.250X04.500		6061-T6 Bar 1.25 X 4.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	12 ft	0 ft	12 ft	\$22.91666/ft	\$275.00

JAN 27 2018

DAS
11
9-89

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	M6061T6B2.500X04.500		6061-T6 Bar 2.50 X 4.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	1/26/18	6 ft.	0 ft	6 ft	\$49.16666/ft	\$295.00
									Grand Total: \$3,151.19	

Cpt

JAN 27 2018

DAS
11
9-89

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

CL

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/22/18 12:58 PM dart.lavoie.chantal



ACIER OUELLETTE INC.

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0079984

Billed to

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

CLI0001056

Date

2018/01/11

Revision N 

0

Prices valid until

2018/01/18

Your Order N 

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
TUBE MEC 1.000 OD X .120 RANDOM TME-1000120-V 6505 5 X 20' R/L STOCK	112.80	100.00	PI_\$CPI	100.00	PI		5.00	44.190	220.95
TUBE MEC 0.875 OD X .120 RANDOM TME-0875120-V 6787 3 X 20' R/L STOCK	58.08	60.00	PI_\$CPI	60.00	PI		3.00	41.190	123.57
ROUND CR 1 1/4 1018 RANDOM RCR-114-V 5260 1 X 20' R/L STOCK	83.40	20.00	PI_\$CLB	20.00	PI		1.00	83.360	83.36
ROUND SS 1 303 RANDOM RSS-1303-V 8519 4 X 12' R/L 2-3 DAYS	128.16	48.00	PI_\$CLB	48.00	UN_\$UN		4.00	96.745	386.98
ROUND SS 3/4 304 RANDOM RSS-34-V 5762 8 X 12' R/L STOCK	144.19	96.00	PI_\$CLB	96.00	PI		4.00	103.080	412.32
ROUND 4140 HEAT TREAT 3/4 RANDOM R4140-34H-V 4949 1 X 20' R/L STOCK	30.04	20.00	PI_\$CLB	20.00	PI		1.00	49.850	49.85
FLAT 4140 HT 1/2 X 3 N 1 X 6' 4-5 DAYS	0.00	1.00	UN	1.00	UN		1.00	141.000	141.00
FLAT 4140 HT 1/2 X 4 N 1 X 6' 4-5 DAYS	0.00	1.00	UN	1.00	UN		1.00	162.000	162.00
FLAT 4140 HT 3/4 X 1 3/4 N 1 X 8' 4-5 DAYS	0.00	1.00	UN	1.00	UN		1.00	188.000	188.00
FLAT ALU 1/4 X 1 6061-T6 RANDOM FAL-141-V 2512 1 X 20' STOCK	6.20	20.00	PI_\$CLB	20.00	PI		1.00	15.870	15.87

Date :

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0079984

Billed to

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2018/01/11

Revision N°

0

Prices valid until

2018/01/18

Your Order N°

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

2

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT ALU 1/4 X 5 6061-T6 RANDOM FAL-145-V 2527 1 X 20' STOCK	29.40	20.00	PI_\$CLB	20.00	PI		1.00	75.250	75.25
ALU PLATE 1/4 6061-T651 RANDOM PAL-146061-V 4245 3 X 6 1/4" X 96" STOCK SHEAR CUT SHEAR 2	58.56	16.00	PI2_\$CLB	16.00	PI2		3.00	76.930	230.79
FLAT ALU 3/8 X 2 6061-T6 RANDOM FAL-382-V 2617 2 X 20' STOCK	36.00	40.00	PI_\$CLB	40.00	PI		2.00	46.070	92.14
FLAT ALU 1/2 X 1 1/4 6061-T6 RANDOM FAL-12114-V 2469 1 X 20' 2-3 DAYS	15.70	20.00	PI_\$CLB	20.00	PI		1.00	40.180	40.18
FLAT ALU 1/2 X 2 1/2 6061-T6 RANDOM FAL-12212-V 2479 1 X 20' STOCK	29.38	20.00	PI_\$CLB	20.00	PI		1.00	75.200	75.20
FLAT ALU 1/2 X 5 6061-T6 RANDOM FAL-125-V 2492 3 X 12' 3-4 DAYS	105.88	36.00	PI_\$CLB	36.00	PI		3.00	116.446	349.34
FLAT ALU 1/2 X 6 6061-T6 RANDOM FAL-126-V 2494 2 X 20' STOCK	141.16	40.00	PI_\$CLB	40.00	PI		2.00	183.475	366.95
FLAT ALU 1/2 X 1 1/2 6061-T6 RANDOM FAL-12112-V 2466 1 X 20' STOCK	18.00	20.00	PI_\$CLB	20.00	PI		1.00	46.070	46.07
FLAT ALU 1/2 X 12 6061-T6 RANDOM FAL-1212-V 7447 1 X 12' STOCK	84.70	12.00	PI_\$CLB	12.00	PI		1.00	276.070	276.07

Date :

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0079984

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2018/01/11

Revision N°

0

Prices valid until

2018/01/18

Your Order N°

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

3

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT ALU 2 X 6 6061T6 N 1 X 6' 3-4 days	0.00	1.00	UN	1.00	UN		1.00	316.000	316.00
FLAT ALU 1 X 4 6061-T6 RANDOM FAL-14-V 2532 1 X 12' STOCK	57.60	12.00	PI_\$CLB	12.00	PI		1.00	153.190	153.19
FLAT ALU 1 X 12 6061-T6 RANDOM FAL-112-V 2450 1 X 12' STOCK	169.34	12.00	PI_\$CLB	12.00	PI		1.00	535.040	535.04
SQUARE ALU 1 1/4 6061-T6 RANDOM CAL-114-V 1775 1 X 20' STOCK	36.74	20.00	PI_\$CLB	20.00	PI		1.00	97.710	97.71
FLAT ALU 1 1/2 X 2 1/2 6061-T6 RANDOM FAL-112212-V 2439 2 X 12' STOCK	105.74	24.00	PI_\$CLB	24.00	PI		2.00	172.335	344.67
FLAT ALU 3/8 X 1 6061-T6 RANDOM FAL-381-V 2613 6 X 20' STOCK	27.00	60.00	PI_\$CLB	60.00	PI		3.00	23.036	69.11
FLAT ALU 3/4 X 3 6061-T6 RANDOM FAL-343-V 2594 1 X 20' STOCK	53.00	20.00	PI_\$CLB	20.00	PI		1.00	167.450	167.45
FLAT ALU 1/8 X 3/4 6063-T5 RANDOM FAL-1834-V 2552 1 X 20' STOCK	2.26	20.00	PI_\$CLB	20.00	PI		1.00	6.690	6.69
SQUARE ALU 1 1/2 6061-T6 RANDOM CAL-112-V 1773 1 X 20' STOCK	52.94	20.00	PI_\$CLB	20.00	PI		1.00	135.500	135.50
FLAT ALU 1 1/4 X 2 6061-T6 RANDOM FAL-1142-V 2456 2 X 12' 3-4 DAYS	70.56	24.00	PI_\$CLB	24.00	PI		2.00	121.345	242.69

Date :

Next Page...



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

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Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

4

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
FLAT ALU 2 X 2 1/2 6061T6 N 1 X 12' 2-3 DAYS	0.00	1.00	UN	1.00	UN		1.00	387.000	387.00
FLAT ALU 2 X 5 6061T6 N 1 X 12' 3-4 DAYS	0.00	1.00	UN	1.00	UN		1.00	495.000	495.00
FLAT ALU 2 X 8 6061T6 N 1 X 4' 3-4 DAYS	0.00	1.00	UN	1.00	UN		1.00	285.000	285.00
FLAT ALU 3 X 6 6061T6 N 1 X 6' 3-4 DAYS	0.00	1.00	UN	1.00	UN		1.00	465.000	465.00
FLAT ALU 1 1/2 X 3 6061-T6 RANDOM FAL-1123-V 2445 1 X 12' STOCK	63.50	12.00	PI_\$CLB	12.00	PI		1.00	168.250	168.25
CARRE AL. 4 1/2" 6061T6 N 1 X 6' 2-3 DAYS	0.00	1.00	UN	1.00	UN		1.00	782.000	782.00
PLAT ALU 1 1/4 X 4 1/2 6061T6 N 1 X 12' 3-4 DAYS	0.00	1.00	UN	1.00	UN		1.00	275.000	275.00
PLAT ALU 2 1/2 X 4 1/2 6061T6 N 1 X 6' 3-4 DAYS	0.00	1.00	UN	1.00	UN		1.00	295.000	295.00
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs)

1 720.33

Important

This offer is based on availability and current pricing conditions that may be revised upon reception of the order.

This offer is subject and conditional to credit approval.

Approuved and Accepted by :

Date :

Sub-total

8 550.14

TVH-13 · · 1111.52

Total (\$CAD)

9 661.66



North American Stainless Canada Inc.
740 Imperial Road North
Geoph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Chenil, KY 41045-9615
(502) 347-6000

Certificate 1365074 1

Netcomex: 007205 001

Date: 12/20/2017 Page: 1

Steel: 303

Finish: CD

Our Order: VIM63834

NBS Order: PN 0087675 02

Heat Treat Code: 44,568
Corrosion:
Mod Ratio: 69.4 : 1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30300, ASTM A382/13 EN 10204 3.1, ASTM A486/16
MS 5640V TYPE 1, Q35-764B CONDITION A
ROTATION ANNEAL, TEMP 1900° MIN, ASTM F899/12b

REMARKS:

CONFORMS TO REQUIREMENTS OF DPM 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, ENF+OD+CC. NO REPAIRS. REJECTED AND REG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

3 items

Product Id	Grid #/Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
B31787 9	1.0000		1.238	144.00	56	1	

CHEMICAL ANALYSIS

CH(Country of Mfg) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323

Chemical Analysis per ASTM A751/14a

UNS Heat #	CM	C %	CO %	CR %	CU %	PN %	MO %	N %	NI %	Z %
620M	06	.026	.09	17.11	.31	1.92	.268	.036	0.53	.031
	S %	31 %								
	.3350	.37								

MECHANICAL PROPERTIES

Product Id	Y ₄ S ₁ HB	Y ₄ S ₁ NO	.2Y ₈ KSI	UTS KSI	RA %	ELONG % 4D
B31787 9	RL	221.0	78.77	102.63	37.91	23.61

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. MGT.

KRIS LARK

12/20/2017

Larrondo LOU (VIZCAYA) España
P.O. Box 1 323/48080 Diliup
Tel 34-(4) 4 71 13 00
Fax 34-(4) 4 53 16 36

Management Systems
Certified by
LRQA
ISO 9001 / SGT 4000300
TBO 14001 / SGT 1470070

ACEROS INOXIDABLES

OLARRA

Trade Mark - Zeichen des Lieferwerkes
Anagrama del suministrador



Works Inspector Stamp - Werkstättverständiger
Sello del Inspector

3

8-19
2 items

Certificate type - APZ Nach Certificado tipo		EN 10204/3.1		Certificate n° - Prüf-Nr Certificado n°		324015		Date - Datum - Fecha 15 - 09 - 2017	
Our order N° Werks - Nr N° de Referencia		641167		Heat Schmelze Colada		440180		Your order N° Bestell - Nr Pedido N°	
Steel Grade Werkstoff Calidad		AISI-303		According to Entsprechend Corresponde		ASTM A 582 / A 582M-12.			
Shape and Size - Geformt Partir y dimension ROUND 1"		Tolerance - Toleranz Tolerancia		ASTM A 484 / TB.7		Bundles Bunde Bultos		4	
						Bars Stäbe Barras		Weight Gewicht Peso	
								5183 Lbs	
Requirements - Anforderungen - Exigencias									
QQ-S 7648-70. AMD2 COND.A. SAE AMS 5840U-07. TYPE I. EN 10.088-3.2014. UNS S30300-1.4305. MECAMAX - PLUS									
Melting process / Erhitzungsart / Proceso de Fusión				Heat treatment / Wärmebehandlung / Tratamiento térmico					
E.A.F. / A.O.D.				1050C 4H/Std WATER/WASSER/AGUA					
Solution annealed/Abgeschreckt/Hipertempe-Turned/Drehen/Tornado-Polished/Poliert/Pulido-									
Test results - Ergebnis der Prüfungen - Resultados de los ensayos									
Dimension of Specimen Abmessungen des Probestabes Medida de las probetas		Rp0.2% KSI	Rp 1% KSI	Rm KSI	A %L 50	A %L 40	Z %	Hardness Harte HBw	Impact test / Kerbschlag / Resiliencia ISO V ft. lb
RD. 12.50 mm.		Min.							
		Max.						262	
Temperature °C 20	Spec. N° Probe Nr. Prp N°	1	52	58	94	51	58	197	
	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
Min.					0.150	17.00		8.00	
Max.	0.150	1.00	2.00	0.200		19.00		10.00	0.70
	0.043	0.34	1.74	0.034	0.324	17.45	0.40	8.10	0.48
									0.0340
									0.13
Visual and dimensional inspection Besichtigung und Ausmessung Control visual y dimensional		Radioactivity inspection Radioaktivitätskontrolle Control de Radioactividad		O.K.		Antineutron test Spektrale Verwechslungspr Antineutronie		Grain Size Korngröße Tamaño de grano	
Remarks - Bemerkungen - Observaciones									
Free From Mercury contamination/Quecksilberfreiheit. No weld repair.									
EDV / EDP Acc. EN 10.204 Marian Tejedo Quality Mng. Works Inspector Der Werkstättverständiger Inspector de fábrica									

#2456

CAN ART

ALUMINUM EXTRUSION L.P.

Material Test ReportManifest: 713820

Ticket:

1728643

Our Order: 880336 - 1

Cust P.O.: 4500832827

Die: ES04038

Part: 160001442

Alloy Temper: 6061 T6511

Description: 1.250 x 2.000 RECT. BAR

Print Date: 10/19/17

Chemical Composition

Cast Num	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Maximum	
									Other Each	Other Total
38140	0.58	0.21	0.21	0.06	0.84	0.06	0.01	0.01	0.05	0.15

Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
74527	38140	A11	10/15/17	41.54	37.55	15.0

Applicable Specifications: ASTM B221-14 AMS-QQ-A200/8A

Country of Origin: ONTARIO, CANADA

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Evan Eng, Quality Assurance Manager

#9467



Can Do.

Service Center Metals

5850 Quality Way

Prince George, VA 23875

**CERTIFIED INSPECTION REPORT AND TEST RESULTS
FOR EXTRUDED PRODUCTS**

MANIFEST NUMBER

351500

ONE NUMBER

PL0745

DATE OF SHIPMENT

11/28/2017

CUSTOMER PO

5400375868

ACTIVITY/TEMPER

6061-T6511

SALES/PERSON

Ellis Williams

CUSTOMER PART NUMBER

ALREC00124

DESCRIPTION

PL 2 000X8 000

CERTIFICATION

ASTM-B221-M Stencil Cont

SPECIFICATION

AMS-QQA-2008 Rev-A

SPECIFICATION

RcHS 2011/65/EU Compliant

DATE ORDER NUMBER	YIELD
936720	7

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification vision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the conditions both then and now the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

If aluminum products supplied by Service Center Metals, LLC contain no functional mercury, neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not to the best of our knowledge, contacted any source of mercury.

ICM is ISO 9001:2015 certified

Mechanical Properties

Lot No. 201717733

Tests	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	11/5/17	min 50.90 max 50.90	min 47.60 max 47.60	min 16.80 max 16.80

Chemical Composition for Aluminum Alloy 6061

Cast#	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Melt Source:
03E171026B	201717733	6061	0.74	0.37	0.30	0.10	0.86	0.17	0.08	0.03	97.36	0.05	0.15
02917C3	201717733	6061	0.72	0.35	0.31	0.10	0.89	0.09	0.07	0.02	97.45	0.05	0.15

United States of America
United States of America

CM extrusions are manufactured in the USA.

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 7/26/17

Print Date: 11/29/2017

#9957



Service Center Metals
5850 Quality Way
Pike Creek, VA 22875

**CERTIFIED INSPECTION REPORT AND TEST RESULTS
FOR EXTRUDED PRODUCTS**

OUR LABOR NUMBER
269347

CAN DO.

QUANTITY ORDERED
303345

DATE OF SUPPLY
6/4/2016

QUANTITY CONTAINED
1,152 lbs

DATE OF SUPPLY
6/4/2016

ASTM B221
AMS QQA-2008 Rev A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that sample is representative of the material and the composition limits and that the mechanical properties shown herein were produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

Mechanical Properties

Test Lot No.
201613150

Test Lot No.	Yield Strength (ksi)	Tensile Strength (ksi)	Elongation (%)
8/4/16	51.30	51.30	47.40

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Ca	Zn	Ti	Al	Others	Met Source
IK160728A	201613150	6061	0.76	0.36	0.32	0.12	0.91	0.09	0.06	0.02	97.35	0.05	0.15
IK160728C	201613150	6061	0.75	0.36	0.32	0.11	0.90	0.10	0.06	0.02	97.36	0.05	0.15

SCM operations are manufactured in the USA.

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 8/4/2016

Certificate of Mill Test Results
1/1 P/L
911-011
100-921065-11A TH
CAUTION: ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE

100-921065-11A TH
CAUTION: ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE

ON 11/16/16
115931-1000 WILMINGTON DRIVE
115931-1000 WILMINGTON DRIVE

9693



Can Do.

Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



COPI NUMBER	936715	PAGE	17
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INQUIRY NUMBER 352763
CUSTOMER PO 5400375786
CUSTOMER PART NUMBER ALREC00162
Quantity Certified 561 lbs 7 pcs

MRB1771
DATE OF SHIPMENT 12/12/2017

ALLOY NUMBER 6061-T6511
DESCRIPTION MORB 1.250x4.500
ALEXANDERSON
Ellis Williams

CERTIFICATION
ASTM-B221-14 StencilCont
AMS-QQA-2008 Rev-A
SPECIFICATION
RoHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent manufacturer's description, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not to the best of our knowledge, contained any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS 2, REACH and DPA/BS compliant.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
2	201720234	12/10/17	min 52.30 max 52.70	min 48.40 max 48.90	min 18.30 max 18.60

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others		Melt Source:
												Each	Total	
001E171203A	201720234	6061	0.74	0.38	0.32	0.11	0.87	0.10	0.05	0.03	97.41	0.05	0.15	United States of America
001E171204A	201720234	6081	0.74	0.38	0.32	0.11	0.87	0.10	0.05	0.03	97.41	0.05	0.15	United States of America
12017703	201720234	6061	0.73	0.38	0.32	0.10	0.85	0.09	0.06	0.03	97.44	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 12/12/2017

Rev 1/2017

#9283

Sapa:

Sapa Industrial Extrusions
51 POTTSVILLE STREET
CRESSON, PA
13929-0187
Sapa Extrusions Inc., a Subsidiary of Sapa AB

Certified Inspection Report

Order Number	Line No.	Customer P/O	Cut Number	Page
1181203454	1	VIM-643615-001	8APV3744648	1 of 2
Order Date	Order Date	Order Date	Order Date	Order Date
07-OCT-17	07-OCT-17	07-OCT-17	07-OCT-17	07-OCT-17

Quantity Shipped	Unit	Date Shipped	Item Description	Specification
960	LB	07-OCT-17	ASTM B221 REV 14 ALUMINUM EXTRUSION EXTRUSION ACCU-BAR 15-AUB REV A	Meets 6061-T6511H, 6061-T6511 REV
3/1		Item No.	2300 TK x 4.500 W x 1.200 H TK TOL: +0.004/-0.000 W TOL: +0.004/-0.000 SECT 550637 164.000 DWT/LF FURNISHING W/P 13343 F L CS 5.16 60617651111 MAYBE CONTINUOUS;	
67237		Item No.	60931640	
Delivery To		Item No. Rev		
4936005				
Customer Order No.				
259415				

Signatures and Title
COMPOSITION NOTE: The values for Vickers Hardness and O'Brien Tool have not been shown on this certified inspection report. Referencer is Aluminum.

Legal Statement
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements, described herein, including any specifications forming a part of the description and that samples representative of the material meet the composition and mechanical properties shown on the face of this certification. Also, note that recovery is not a normal characteristic of aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature and Title
Daniel Weisbach
Daniel Weisbach
Quality Manager
07-OCT-17

Package Number	Lot Number	Quantity	UOM	Weight
G13-CAFO39451	22965177	5	PCS	960

Composition Line	Alloy	Si	Mn	Mg	Fe	Cu	Cr	Zn
	6061	0.40	0.30	...	0.10	0.15	0.15	0.15
	6061	0.40	0.30	...	0.10	0.15	0.15	0.15

Sapa:

Sapa Industrial Relations
53 PORTSVILLE STREET

CRESSONA, PA
17929-0147

Certified Inspection Report

Cert Number		Page	
SAPAZ74648		Page 2 of 2	
Cert Expiration Date		Cert Expiration Date	
07-OCT-17		07-OCT-17	
Sales Order Number		Lot No.	
1101293454		1	
Customer PO		Customer PO	
VOR-643615-001		VOR-643615-001	

Along	SI		O'Brien Tests		O'Brien Total	
	Min	Max	Min	Max	Min	Max
6061	0.15	0.15	0.05	0.05	0.15	0.15

Composition Results

Element / Unit	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti	O'Brien Tests	O'Brien Total
5044335	0.12	0.34	0.33	0.13	0.91	0.16	0.04	0.02

Mechanical Property - Test Results

Test Type	UTS - L		TYS - L		RL 4D Long	
	Min	Max	Min	Max	Min	Max
Test Temperature	60°F	60°F	60°F	60°F	60°F	60°F
Test Number	1	1	1	1	1	1
UTS (ksi)	56.6	56.6	53.7	53.7	12.5	12.5

Test Method

Yield strength was determined by the 0.2% offset method.

UTS strength was determined by the 0.2% offset method.

All test results were produced at Sapa Industrial Relations company with laboratory 2011455/EU (Qualis 2) with the exception of 6061 alloy which was produced at Sapa Industrial Relations company with laboratory 2011455/EU (Qualis 2).

Reported in the U.S. as "Qualifying Chemicals" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 215.872-1)

Reported in the United States

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6 B2.500x04.500
 DATE: JAN 27 2018

PO / BATCH NO. 038839/5006066

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 6"
 QUANTITY INSPECTED: 6"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.500
 THICKNESS RECEIVED: 2.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	Astm B 221
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	Heat # 22965177
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>JAN 27 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WWW.WWW |
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1 000X12.000

RELEASED
R 2009-09-03
MP

B	REMOVE QQ-A-250/11 OPTION REFORMAT NOTES, ADD ASTM B211/B221 (2N D7-1)	CP	09 07 13
A	NEW ISSUE	DS	01 06 08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	MP		
CHECKED	AJS		
MFG. APPR.	MP		
APPROVED	MP		
DE APPR.	MP		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO M6061T6B			
TITLE 6061-T6 BAR			
SHEET 1 OF 1			
SCALE NTS			
COPYRIGHT © 2001 BY DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606 H6 B 1.250 x 04.500 PO / BATCH NO: 038839/5036065
 DATE: JAN 27 2018

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12"
 QUANTITY INSPECTED: 12"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.250
 THICKNESS RECEIVED: 1.250
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	Astm-B 221
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat # 21780234
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>JAN 27 2018</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WWW WWW
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-06-03
M

B	REMOVE QQ-A-250/1 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (EN 10071)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DS		
CHECKED	DS		
MFG APPR.	DS		
APPROVED	DS		
DE APPR.	DS		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B	
DRAWING NO. M6061T6B		SHEET 1 OF 1	
TITLE		SCALE	
6061-T6 BAR		NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B4500x4.500 PO / BATCH NO: 038839/5036064
 DATE: JAN 27 2018

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6"
 QUANTITY INSPECTED: 6"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 4.500
 THICKNESS RECEIVED: 4.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat # 201613150</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS 11</u>	SIGNED OFF BY: _____		
DATE: <u>9-89 JAN 27 2018</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR ~~AMS-QQ-A-200/8~~ (OR AMS 4160)
OR ASTM B211 OR ~~ASTM B211~~

PART NUMBER:

M6061T6B | T.TTT | X | WW WWW
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-09-03
MAD

B	REMOVE QQ-A-250/1 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (END/1)		CP	09 07 13
A	NEW ISSUE	DS	BY	DATE
REV	DESCRIPTION			
DESIGN	DS	DART AEROSPACE LTD		
DRAWN	AS	HAWKESBURY, ONTARIO, CANADA		
CHECKED	AS	DRAWING NO.		
MFG. APPR.	AS	M6061T6B		
APPROVED	AS	TITLE		
DE APPR.	AS	6061-T6 BAR		
DATE	09.07.13	SCALE		
		NTS		
COPYRIGHT © 2001 BY DART AEROSPACE LTD				

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 B2.000x08000
 DATE: JAN 27 2019

PO / BATCH NO. 038839/5036063

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 4"
 QUANTITY INSPECTED: 4"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.000
 THICKNESS RECEIVED: 2.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N <input type="radio"/>	Astm B221
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	Heat # 201717733
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JAN 27 2018</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WWW.WWW | THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1 000X12.000

RELEASED
R 2009-09-03
MD

B	REMOVE QQ-A-250/11 OPTION REFORMAT NOTES, ADD ASTM B211/B221 (Zn D7-1)		CP	09 07 13
A	NEW ISSUE		DS	01 06 08
REV	DESCRIPTION		BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	AS	REV. B		
CHECKED	AS	DRAWING NO. M6061T6B		
MFG. APPR.	AS	SHEET 1 OF 1		
APPROVED	MD	TITLE 6061-T6 BAR		
DE APPR.	MD	SCALE NTS		
DATE	09.07.13	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA P.O. BOX 1000, HAWKESBURY, ONTARIO, CANADA K0A 1H0		

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6 B2.000 x 01.250 PO / BATCH NO. 038839/5036062
 DATE: JAN 27 2018

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 24'
 QUANTITY INSPECTED: 24'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 01.250
 THICKNESS RECEIVED: 01.250
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	<u>As per B221</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>Heat # 38140</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>11</u> DATE: <u>JAN 27 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WWW | WWW |
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
2009-05-03
MD

B		REMOVE QQ-A-250/1 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (END OF-1)		CP	09 07 13
A		NEW ISSUE		DS	01 06 08
REV		DESCRIPTION		BY	DATE
DESIGN	DS	DART AEROSPACE LTD			
DRAWN	AS	HAWKESBURY, ONTARIO, CANADA			
CHECKED	AS	DRAWING NO.			
MFG. APPR.	MD	M6061T6B			
APPROVED	MD	TITLE			
DE APPR.	MD	6061-T6 BAR			
DATE	09 07 13	SCALE			
		NTS			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL M606176BC.500X01.250

PO / BATCH NO 038839/5036061

DATE: JAN 27 2018

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 20"
 QUANTITY INSPECTED: 20"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	Astm B221
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	Heat # 33297
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u> <u>11</u>		SIGNED OFF BY: _____	
DATE: <u>9-89 JAN 27 2018</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WW WWW
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
2009-05-03

B		REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZND-07-1)		CP	09.07.13
A		NEW ISSUE		DS	01.06.08
REV		DESCRIPTION		BY	DATE
DESIGN	DS	DART AEROSPACE LTD			
DRAWN	DS	HAWKESBURY, ONTARIO, CANADA			
CHECKED	DS	DRAWING NO.		REV B	
MFG APPR.	DS	M6061T6B		SHEET 1 OF 1	
APPROVED	DS	TITLE		SCALE	
DE APPR.	DS	6061-T6 BAR		NTS	
DATE	09.07.13	COPYRIGHT © 2001 BY DART AEROSPACE LTD.			

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Order - Sales**Copy**

C000070774

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Customer N°

CL10001056

Date

2018/01/22

Delivery date

2018/01/25

Your order N°

038839

Processed by

Josianne Bourdon

Salesman**Carrier**

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 FLAT ALU 1/2 X 1 1/4 6061-T6 RANDOM FAL-12114-V 2469 1 X 20' HEAT 33297 TRANSIT ST-JEROME LE 24/01 SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE	15.70	20.00	PI_\$CLB	1.00			20				
				0.00			rf				
				0.00							

Total Weight (LBS): 15.70

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. At lost, materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% resocking charge.

Prepared By :	Verified By :	Delivered By :	Time :	Customer's Signature	Y	M	D

Total (\$CAD)	49.87
Deposit	0.00
Balance	49.87

BON DE LIVRAISON

VENDU A	ACIERS TRANSBEC (1997) LTEE
	4054, BOUL. LE CORBUSIER
	#201
	LAVAL, QC
	H7L 5R2
	NO CLIENT: 3693

LIVRE A	ACIER OUELLETTE 22, BOUL J-F KENNEDY ST-JEROME, QC J7Y 4B6
	NO CLIENT: L-3693-3

113476	20/Jul/16
NIR: R-015478-2	NO DE TELEPHONE CLIENT: 450-963-3693
NO COMMANDE CLIENT: OU-46072	REPRESENTANT: Guillaume Morin
CHAUFFEUR: JP COMEAU	NO COMMANDE EXTRUDED: 99115

ORD. #	MODE/TYPE	NO. OF QUANTITY	DESCRIPTION / ALIAS / ITEM NO.	UNIT	QUANTITY	UNIT PRICE (€)	TOTAL	DATE	REMARKS	OK
1	SA00123		PLAT 1.250 X .500 6061/T6	6096mm	NATUREL MILL	75 500	0 0			
							99115-1-1A1	377583	74 495	100.0%
							Sous-Total:	1	74 495	

Mill Test (Tensile Properties of Aluminum)

Test Date.: 14/Jul/16

Order No.	Alloy	Temper	Yield (ksi)	Ultimate Tensile (ksi)	Total Elongation (%)	Hardness (Rockwell E)	Conductivity %	Report No.
99115-1-1A1	6061	T6	37.8	41.4	21.10	92.00		5647

Certificate of compliance (Certificat de conformité)

Normes: (ANSI H35.1-1997) & (ASTM B221)

[illegible]

VÉRIFICATION DE MATÉRIEL

DATE 20/07/16

VÉRIFIÉ PAR _____

SIGNATURE

SIGNATURE
CLIENT:

DATE:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R1.000
 DATE: JAN 27 2018

PO / BATCH NO.: 038839/5036060

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 48"
 QUANTITY INSPECTED: 48"
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	<u>Astm A582</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>Heat # 620M-440180</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 JAN 27 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 303~~16~~ NOT ACCEPTABLE)

SPECIFICATION:

PART NUMBER:

ASTM A582
M303R0.DDD
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M303R0.750

RELEASED
2010-02-02
JND

B	REFORMAT DWG. ADD SPECS (ZN D8-1).	CP	10 01 05
A	NEW ISSUE	DS	01 12 20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	REV. B
M303R	SHEET 1 OF 1
TITLE	SCALE
303 ROUND BAR	NTS
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